(19) World Intellectual Property Organization

International Bureau



. | 1815 | 1816 | 1816 | 1816 | 1816 | 1816 | 1826 | 1826 | 1836 | 1836 | 1836 | 1836 | 1836 | 1836 | 1836 | 1

(43) International Publication Date 4 August 2005 (04.08.2005)

PCT

(10) International Publication Number WO 2005/070698 A1

- (51) International Patent Classification7: B42F 7/02, 7/06, B31B 41/00, G11B 33/04
- (21) International Application Number:

PCT/DK2005/000043

- (22) International Filing Date: 24 January 2005 (24.01.2005)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 04388005.3

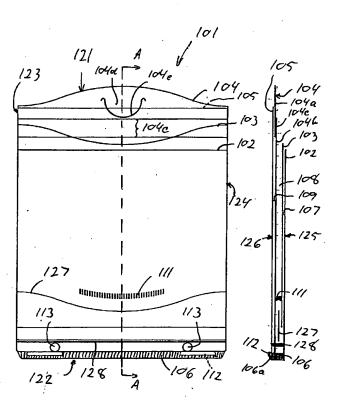
22 January 2004 (22.01.2004) El

- (71) Applicant (for all designated States except US): 3L-LUD-VIGSEN A/S [DK/DK]; Vibækvej 100, DK-5690 Tommerup (DK).
- (72) Inventor: and
- (75) Inventor/Applicant (for US only): LUDVIGSEN, Frits [DK/DK]; Skovstrupvej 25, DK-5690 Tommerup (DK).

- (74) Agents: JØRGENSEN, Bjørn, Barker et al.; International Patent-Bureau A/S, Høje Taastrup Boulevard 23, DK-2630 Taastrup (DK).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: A PROTECTIVE SLEEVE FOR A DISC SHAPED RECORDING MEDIUM, SUCH AS A COMPACT DISC, A HOLDER FOR A SLEEVE AND AN ASSEMBLY OF A HOLDER AND A SLEEVE



(57) Abstract: A protective sleeve (1) comprises sheets (2, 3, 4, 5) of a flexible material. The sheets (2, 3, 4, 5) are arranged in four layers on top of each other, each sheet (2, 3, 4, 5) having a top edge, an opposing bottom edge and two mutually opposed side edges connecting the top edges and bottom edges. Each respective sheet (2, 3, 4, 5) is attached to an adjacent sheet along at least two opposing edges of the respective sheet so as to form a front pocket (7), a central pocket (8) and a back pocket (9). The central pocket (8) is open at the top edges and is adapted to contain a disc-shaped recording medium (10). The bottom of the central pocket (8), determining the depth into which the recording medium (10) may be inserted in the central pocket (8), is defined at a substantial distance (D) from the bottom edges of the sheets (2, 3, 4, 5). A holder comprises a flat bottom element carrying a plurality of ribs forming between them slots, in which are provided lateral projections for engagement with a fastening strip of the sleeves.

WO 2005/070698 A1



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW,

BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), E uropean patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.